Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10173	707/200 or 707/201 or 707/202 or 707/203 or 707/204 or 707/205	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:24
L2	75	1 and (swap$3 same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:25
L3	0	1 and (swap$3 same files) and (avalability same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:42
L4	0	1 and (swap$3 same files) and (avalability same file)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:28
L5	0	(swap$3 same files) and (avalability same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:25
L6	0	(swapping same files) and (avalability same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:26
L7	13	(swapping same files) and (availability same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:26
L8	10	1 and (swap$3 same files) and (availability same file)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:31

L9	2	1 and (combined with availability with files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:31
L10	7	(combined with availability with files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:32
L11	26	1 and (replicas with files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:32
L12	1	1 and (replicas with files) and (swap$3 with files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:34
L13	1	(replicas with files) and (swap$3 with files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:34
L14	1	(homeless with replicas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:34
L15	26	(replicas with files) and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:34
L16	52	(replicas with file) and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:34

L17	149	1 and (exchang$3 with files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:34
L18	4	1 and (exchang$3 with files) and (availability with file)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:38
L19	0	1 and (swap$3 with copies) and (availability with file)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:38
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L23	0	(replicas same files same swap). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:39
L24	0	(replicas same files same exchange).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:40

L25	21	(swap$ with files).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:41
L26	5	(swap$ with files).clm. and (availability same file)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:42
L27	3111	711/159 or 711/203 or 711/206	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:42
L28	0	27 and (swap$3 same files) and (avalability same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:42
L29	17	27 and (swap$3 same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:42
L30	0	27 and (swap$3 same files) and (availability with files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:43
L31	0	27 and (swap$3 same files) and (availability with file)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:46
L32	1	(replicas with files).clm. and (707/205 or 707/204)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:47

L33	14	(swap$3 with files).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:58
L34	2941	(space same swap$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:58
L35	55	34 and (availability same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 09:59
L36	47	34 and (availability same files) and (increasing or descreasing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:03
L37	1	34 and (availability same files) and ((increasing or descreasing) with availability)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:03
L38	15	"5950198".pn. or "6160552".pn. or "6738797".pn. or "6766367". pn. or "6718360".pn. or "20020111996" or "20030135586"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:48
L39	2	38 and (reliability)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:49
L40	0	38 and (swap$3 same files)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:49

L41	0	38 and (swap$3 same objects)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 10:49
L42	0	38 and (swapping same objects)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:04
L43	16	"5909540".pn. or "5915096".pn. or "5991414".pn. or "6098079". pn. or "6167449".pn. or "6263348".pn. or "6370547".pn. or "6405315".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:06
L44	16	"5909540".pn. or "5915096".pn. or "5991414".pn. or "6098079". pn. or "6167449".pn. or "6263348".pn. or "6370547".pn. or "6405315"".pn.or" "20020099784"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:09
L45	14	"5909540".pn. or "5915096".pn. or "5991414".pn. or "6098079". pn. or "6167449".pn. or "6263348".pn. or "6370547".pn. or "6405315"".pn.or" "2002/0099784"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:06
L46	3	45 and availability	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:07
L47	0	45 and availability and (swap$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:07
L48	2	45 and availability and (exchange)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:07

L49	16095	709/201 or 709/203 or 709/227	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:09
L50	3595	49 and availability	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:09
L51	1640	49 and availability and (swap$3 or exchange)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:09
L52	813	49 and availability and ((swap$3 or exchange) with (data or sources or file or object or replicas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:10
L53	39	49 and (availability same ((swap$3 or exchange) with (data or sources or file or object or replicas)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/08 11:10

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S1        7249      (SWAP OR SWAPPED OR SWAPPING OR SWITCH OR SWITCHED OR SWIT-
                    CHING OR EXCHANGE? ? OR EXCHANGING OR INTERCHANGE? ? OR INTER-
                    CHANGING)(5N)(FILE? ? OR OBJECT? ?)
S2        15596     AVAILABILITY
S3        20        S1 AND S2
S4        14        S3 AND IC=G06F
S5        14        IDPAT (sorted in duplicate/non-duplicate order)
S6        14        IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200571
         (c) 2005  Thomson Derwent
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6/5/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005   Thomson Derwent. All rts. reserv.

017280684   **Image available**
WPI Acc No: 2005-604312/200562
XRPX Acc No: N05-495697
   File transport method, involves accepting file **submission that involves**
   executing vector exchange **protocol among given subset of set of**
   distributed servers until given state is reached
Patent Assignee: BERKHEIMER A D (BERK-I); LISIECKI P A (LISI-I); SHERMAN A
   (SHER-I); WEIHL W E (WEIH-I); WEIN J M (WEIN-I)
Inventor: BERKHEIMER A D; LISIECKI P A; SHERMAN A; WEIHL W E; WEIN J M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20050187981	A1	20050825	US 2004783328	A	20040220	200562	B

Priority Applications (No Type Date): US 2004783328 A 20040220
Patent Details:

Patent No	Kind Lan	Pg	Main IPC	Filing Notes
US 20050187981	A1	7	G06F-017/30	

Abstract (Basic): US 20050187981 A1
      NOVELTY - The method involves accepting a file submission at a
given server when a given subset of a set of distributed servers agrees
to the submission. A data exchange protocol is executed among the given
subset until a given state is reached. The protocol is a vector
exchange which passes a data string from a server to another server.
The file is staged for subsequent transport upon acceptance of the
submission.
      USE - Used for file transport of e.g. configuration or control
files, using an Internet content delivery network (CDN).
      ADVANTAGE - Uses the vector exchange, and hence achieves high
fault-tolerance. Multiple entry points accept file submissions and
there is no single point of failure, ensuring high **availability** of
the method and greater fault tolerance. Provides fast, reliable and
effective transmission of files in a distributed computer network.
      DESCRIPTION OF DRAWING(S) - The drawing shows a process description
of a distributed agreement and data replication protocol.
      pp; 7 DwgNo 2/3
Title Terms: FILE; TRANSPORT; METHOD; ACCEPT; FILE; EXECUTE; VECTOR;
   EXCHANGE; PROTOCOL; SUBSET; SET; DISTRIBUTE; SERVE; STATE; REACH
Derwent Class: T01; W01
International Patent Class (Main): **G06F-017/30**
File Segment: EPI

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016402965   **Image available**
WPI Acc No: 2004-560876/200454
Related WPI Acc No: 2002-500875; 2004-552132; 2004-552135; 2004-552150;
  2004-552151; 2004-560875
XRPX Acc No: N04-443795
  **User file data cache method e.g. for e-mail in shared data computer
  network, involves producing aggregated opportunistic lock reply, when
  lock request replies received from servers storing user requested file
  are lock grants**
Patent Assignee: Z-FORCE INC (ZFOR-N); ATTUNE SYSTEMS INC (ATTU-N); Z-FORCE
  COMMUNICATIONS INC (ZFOR-N)
Inventor: MILOUSHEV V; NICKOLOV P
Number of Countries: 033   Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20040133652	A1	20040708	US 2003336784	A	20030102	200454	B
AU 2003300350	A1	20040729	AU 2003300350	A	20031218	200477	
EP 1584011	A2	20051012	EP 2003814952	A	20031218	200568	
			WO 2003US41202	A	20031218		

Priority Applications (No Type Date): US 2003336784 A 20030102; US
  2003336704 A 20030102; US 2003336832 A 20030102; US 2003336833 A 20030102
  ; US 2003336834 A 20030102; US 2003336835 A 20030102
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040133652	A1		60	G06F-015/167	
AU 2003300350	A1			G06F-017/30	Based on patent WO 200461605
EP 1584011	A2	E		G06F-001/00	Based on patent WO 200461605

  Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
  GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): US 20040133652 A1
      NOVELTY - A subset of file servers storing user requested file, is
  identified. An opportunistic lock (oplock) request is send to each
  server, and an aggregated oplock reply is produced when the oplock
  request replies received from all the servers are oplock grants. The
  aggregated oplock reply is send to user, to cache the data from the
  specified user file.
      DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
  following:
      (1) **file   switch** ; and
      (2) user file data caching system.
      USE - For caching user file data such as e-mail, streaming video
  content, document repositories and other soft-structured data, stored
  in shared data computer network,
      ADVANTAGE - Facilitates sharing of data among large number of
  users, and provides very high degree **availability** of stored data that
  are managed easily. Also the storage capacity, performance and access
  bandwidth of network are improved.
      DESCRIPTION OF DRAWING(S) - The figure shows a schematic view
  illustrating transaction aggregation by the **file   switch** .
      pp; 60 DwgNo 4/26
Title Terms: USER; FILE; DATA; CACHE; METHOD; MAIL; SHARE; DATA; COMPUTER;
  NETWORK; PRODUCE; AGGREGATE; LOCK; REPLY; LOCK; REQUEST; REPLY; RECEIVE;
  SERVE; STORAGE; USER; REQUEST; FILE; LOCK
Derwent Class: T01; W01
International Patent Class (Main): **G06F-001/00 ; G06F-015/167 ;
  G06F-017/30**
International Patent Class (Additional): **G06F-007/00 ; G06F-012/00**

013823041   **Image available**
WPI Acc No: 2001-307253/200132
Related WPI Acc No: 1997-225744; 1999-130728; 1999-393962; 2000-655160;
  2001-380204; 2002-205307; 2002-582090
XRPX Acc No: N01-219812
  **Computer management system for use in system administration, includes
  client program with alert manager to create and validate alert based on
  which default action is initiated by action manager**
Patent Assignee: OPENSERVICE INC (OPEN-N)
Inventor: GRAF L O
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6212581	B1	20010403	US 94238476	A	19940505	200132	B
			US 97787115	A	19970122		

Priority Applications (No Type Date): US 94238476 A 19940505; US 97787115 A
  19970122
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6212581	B1		40	G06F-013/10	Div ex application US 94238476
					Div ex patent US 5619656

Abstract (Basic): US 6212581 B1
      NOVELTY - A monitoring computer system has a console program.
  Managed computer system has client program with continuously running
  main loop. An exception detection system in client program detects
  availability of managed computer system resources. Alert manager
  creates and validates alert, communicates alert to console program and
  detects default action. An action manager initiates default action
  based on alert.
      DETAILED DESCRIPTION - Exception detection system has an expert
  system that is initiated from the main loop. Client program has several
  predefined alert escalation schemes. The default action includes
  mechanism for terminating the client program, removing junk **files** and
  adding **swap** space.
      USE - For use in system administration for management of group of
  computers and associated hardware and software.
      ADVANTAGE - Manual attention is reduced by automatically analyzing,
  detecting problems and performing default actions.
      DESCRIPTION OF DRAWING(S) - The figure shows the flowchart
  describing continuously running main loop of client program of the
  managed computer system.
      pp; 40 DwgNo 9/12
Title Terms: COMPUTER; MANAGEMENT; SYSTEM; SYSTEM; ADMINISTER; CLIENT;
  PROGRAM; ALERT; MANAGE; VALID; ALERT; BASED; DEFAULT; ACTION; INITIATE;
  ACTION; MANAGE
Derwent Class: T01
International Patent Class (Main): **G06F-013/10**
File Segment: EPI

01176364   **Image available**
TRANSPARENT FILE MIGRATION USING NAMESPACE REPLICATION
MIGRATION TRANSPARENTE DE FICHIERS PAR REPLICATION D'ESPACES DE NOMMAGE
Patent Applicant/Assignee:
  NEOPATH NETWORKS INC, 3945 Freedom Circle,, Suite 300, Santa Clara, CA
    95054, US, US (Residence), US (Nationality), (For all designated states
    except: US)
Patent Applicant/Inventor:
  WONG Thomas K, 1118 Mataro Ct., Pleasanton, CA 94566, US, US (Residence),
    US (Nationality), (Designated only for: US)
  TSIRIGOTIS Panagiotis, 1575 Tenaka Pl., #D-5, Sunnyvale, CA 94087, US, US
    (Residence), GR (Nationality), (Designated only for: US)
  IYENGAR Anand, 4306 Collins CT., #204, Mountain View, CA 94040, US, US
    (Residence), US (Nationality), (Designated only for: US)
  CHAWLA Rajeev, 5819 Carmel Way, Union City, CA 94589, US, US (Residence),
    US (Nationality), (Designated only for: US)
Legal Representative:
  CARTWRIGHT Dorian (et al) (agent), Fenwick & West LLP, 801 California
    Street, Mountain View, CA 94041, US,

English Abstract
  A NAS switch provides file migrations in a NAS storage network that are
  transparent to the clients. A source file server exports an original NAS
  file handles indicative of object locations on the source file server to
  the NAS switch. The NAS switch modifies the original NAS file handles to
  an internal file system and maps the original NAS file handles to a
  switch file handles independent of location. The NAS switch exports the
  switch file handles to a client. The client looks-up objects and makes
  NAS requests to the source file server using switch file handles. The NAS
  switch performs file migration by first replicating the namespace
  containing data to be migrated from source file server to a destination
  file server. Separately, the NAS replicates data which is a relatively
  longer process than the namespace replication. During data replication,
  namespace access requests for objects are directed to the replicated
  namespace. After data replication, file object requests for migrated
  objects are redirected to the destination file server in a process that
  is transparent to the client.

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Set      Items    Description
S1       12935    (SWAP OR SWAPPED OR SWAPPING OR SWITCH OR SWITCHED OR SWIT-
                  CHING OR EXCHANGE? ? OR EXCHANGING OR INTERCHANGE? ? OR INTER-
                  CHANGING)(5N)(FILE? ? OR OBJECT? ?)
S2       84328    AVAILABILITY
S3         613    (COMBINED OR COMBINATION OR AGGREGATE? ? OR AGGREGATION OR
                  COLLECTIVE OR COMPOSITE OR CUMULATIVE OR TOTAL)(3N)S2
S4          74    (MINMAX OR MINRAND OR RANDRAND)
S5           0    S1 (30N) S3
S6          39    S1 (30N) S2
S7          22    ·S6 AND IC=G06F
S8          22    IDPAT (sorted in duplicate/non-duplicate order)
S9          22    IDPAT (primary/non-duplicate records only)
S10          0    S4 (30N) S2
File 348:EUROPEAN PATENTS 1978-2005/Oct W04
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File 349:PCT FULLTEXT 1979-2005/UB=20051103,UT=20051027
         (c) 2005 WIPO/Univentio
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                  CHING OR EXCHANGE? ? OR EXCHANGING OR INTERCHANGE? ? OR INTER-
                  CHANGING)(5N)(FILE? ? OR OBJECT? ?)
S2      322694    AVAILABILITY  (January 1995)
S3          52    S1 AND S2
S4        2305    (COMBINED OR COMBINATION OR AGGREGATE? ? OR AGGREGATION OR
                  COLLECTIVE OR COMPOSITE OR CUMULATIVE OR TOTAL)(3N)S2
S5           0    S1 AND S4
S6          39    S3 NOT PY>2002
S7          33    RD (unique items)
S8        1145    (MINMAX OR MINRAND OR RANDRAND)
S9           5    S8 AND (S2 OR S4)
S10          4    S9 NOT PY>2002
S11          3    RD (unique items)
File     8:Ei Compendex(R) 1970-2005/Oct W5
           (c) 2005 Elsevier Eng.  Info. Inc.
File    35:Dissertation Abs Online 1861-2005/Oct
           (c) 2005 ProQuest Info&Learning
File    65:Inside Conferences 1993-2005/Nov W1
           (c) 2005 BLDSC all rts. reserv.
File     2:INSPEC 1898-2005/Oct W5
           (c) 2005 Institution of Electrical Engineers
File    94:JICST-EPlus 1985-2005/Sep W1
           (c)2005 Japan Science and Tech Corp(JST)
File   111:TGG Natl.Newspaper Index(SM) 1979-2005/Nov 04
           (c) 2005 The Gale Group
File     6:NTIS 1964-2005/Oct W5
           (c) 2005 NTIS, Intl Cpyrght All Rights Res
File   144:Pascal 1973-2005/Oct W5
           (c) 2005 INIST/CNRS
File   434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
           (c) 1998 Inst for Sci Info
File    34:SciSearch(R) Cited Ref Sci 1990-2005/Oct W5
           (c) 2005 Inst for Sci Info
File    62:SPIN(R) 1975-2005/Sep W1
           (c) 2005 American Institute of Physics
File    99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
           (c) 2005 The HW Wilson Co.
File    95:TEME-Technology & Management 1989-2005/Oct W1
           (c) 2005 FIZ TECHNIK
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                 CHING OR EXCHANGE? ? OR EXCHANGING OR INTERCHANGE? ? OR INTER-
                 CHANGING)(5N)(FILE? ? OR OBJECT? ?)
S2     1854163   AVAILABILITY
S3       11109   (COMBINED OR COMBINATION OR AGGREGATE? ? OR AGGREGATION OR
                 COLLECTIVE OR COMPOSITE OR CUMULATIVE OR TOTAL)(3N)S2
S4         551   (MINMAX OR MINRAND OR RANDRAND)
S5           0   S1 (10N) S3
S6          11   S1 (30N) S3
S7           4   S6 NOT PY>2002
S8           2   RD (unique items)
S9         227   S1 (10N) S2
S10      86963   (INCREASE? ? OR INCREASING OR EMBELLISH?? OR EMBELLISHING -
                 OR STRENGTHEN OR ADD OR MAXIMI?E? ? OR MAXIMI?ING OR MAXIMI?A-
                 TION OR OPTIMI?E? ? OR OPTIMI?ING OR OPTIMI?ATION)(3N)S2
S11          3   S10 (10N) S1
S12         63   S10 (30N) S1
S13         37   S12 NOT PY>2002
S14         16   RD (unique items)
S15        156   S9 NOT PY>2002
File  88:Gale Group Business A.R.T.S. 1976-2005/Nov 08
         (c) 2005 The Gale Group
File 369:New Scientist 1994-2005/Jul W3
         (c) 2005 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2005/Nov 08
         (c) 2005 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2005/Nov 07
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Nov 08
         (c) 2005 The Gale Group
File   9:Business & Industry(R) Jul/1994-2005/Nov 04
         (c) 2005  The Gale Group
File  13:BAMP 2005/Oct W5
         (c) 2005  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2005/Nov 08
         (c) 2005 Business Wire.
File 647:CMP  Computer Fulltext 1988-2005/Oct W5
         (c) 2005 CMP Media, LLC
File  98:General Sci Abs/Full-Text 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2005/Nov 08
         (c)2005 The Gale Group
File 634:San Jose Mercury  Jun 1985-2005/Nov 07
         (c) 2005 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2005/Nov 07
         (c) 2005 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2005/Nov 08
         (c) 2005 The Gale group
File  75:TGG Management Contents(R) 86-2005/Oct W5
         (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 08
         (c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Nov 08
         (c) 2005 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2005/Oct W5
         (c) 2005 ProQuest
File 613:PR Newswire 1999-2005/Nov 08
         (c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
```

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File 141:Readers Guide 1983-2004/Dec
        (c) 2005 The HW Wilson Co
File 239:Mathsci 1940-2005/Dec
        (c) 2005 American Mathematical Society
File 370:Science 1996-1999/Jul W3
        (c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2005/Nov 08
        (c) 2005 Dialog
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
        (c) 2005 The HW Wilson Co
```

```
Set      Items    Description
S1          0     (MINMAX OR MINRAND OR RANDRAND)(30N)AVAILABILITY
File  88:Gale Group Business A.R.T.S. 1976-2005/Nov 08
         (c) 2005 The Gale Group
File 369:New Scientist 1994-2005/Jul W3
         (c) 2005 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2005/Nov 08
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Nov 08
         (c) 2005 The Gale Group
File   9:Business & Industry(R) Jul/1994-2005/Nov 04
         (c) 2005  The Gale Group
File  13:BAMP 2005/Oct W5
         (c) 2005  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2005/Nov 08
         (c) 2005 Business Wire.
File 647:CMP  Computer Fulltext 1988-2005/Oct W5
         (c) 2005 CMP Media, LLC
File  98:General Sci Abs/Full-Text 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2005/Nov 08
         (c)2005 The Gale Group
File 634:San Jose Mercury  Jun 1985-2005/Nov 07
         (c) 2005 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2005/Nov 07
         (c) 2005 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2005/Nov 08
         (c) 2005 The Gale group
File  75:TGG Management Contents(R) 86-2005/Oct W5
         (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 08
         (c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Nov 08
         (c) 2005 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2005/Oct W5
         (c) 2005 ProQuest
File 613:PR Newswire 1999-2005/Nov 08
         (c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Dec
         (c) 2005 The HW Wilson Co
File 239:Mathsci 1940-2005/Dec
         (c) 2005 American Mathematical Society
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2005/Nov 08
         (c) 2005 Dialog
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
         (c) 2005 The HW Wilson Co
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Set     Items   Description
S1      26151   (SWAP OR SWAPPED OR SWAPPING OR SWITCH OR SWITCHED OR SWIT-
                CHING OR INTERCHANGE? ? OR INTERCHANGING)(5N)(FILE? ? OR OBJE-
                CT? ?)
S2     1854190  AVAILABILITY
S3         90   S1 (10N) S2
S4         65   S3 NOT PY>2002
S5         39   RD (unique items)
File  88:Gale Group Business A.R.T.S. 1976-2005/Nov 08
         (c) 2005 The Gale Group
File 369:New Scientist 1994-2005/Jul W3
         (c) 2005 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2005/Nov 08
         (c) 2005 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2005/Nov 08
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Nov 08
         (c) 2005 The Gale Group
File   9:Business & Industry(R) Jul/1994-2005/Nov 04
         (c) 2005  The Gale Group
File  13:BAMP 2005/Oct W5
         (c) 2005  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2005/Nov 08
         (c) 2005 Business Wire.
File 647:CMP  Computer Fulltext 1988-2005/Oct W5
         (c) 2005 CMP Media, LLC
File  98:General Sci Abs/Full-Text 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2005/Nov 08
         (c)2005 The Gale Group
File 634:San Jose Mercury  Jun 1985-2005/Nov 07
         (c) 2005 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2005/Nov 07
         (c) 2005 The Gale Group
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         (c) 2005 The Gale Group
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         (c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Nov 08
         (c) 2005 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2005/Oct W5
         (c) 2005 ProQuest
File 613:PR Newswire 1999-2005/Nov 08
         (c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Dec
         (c) 2005 The HW Wilson Co
File 239:Mathsci 1940-2005/Dec
         (c) 2005 American Mathematical Society
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2005/Nov 08
         (c) 2005 Dialog
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
         (c) 2005 The HW Wilson Co
```

5/3,K/15   (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06871677   Supplier Number: 57830075   (USE FORMAT 7 FOR FULLTEXT)
Legato Systems and Network Appliance Deliver Industry's First Application
  High Availability Solution for Network Attached Storage.
Business Wire, p0220
Nov 30, 1999
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1230

...   this configuration, NetApp Clustered Failover
            software is enabled on the clustered filers. It ensures data
            availability in the event that one **filer**
  fails, by automatically
            and transparently **switching** data access requests over to the
            second filer. Legato Cluster keeps applications available on
            attached...

5/3,K/18   (Item 6 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)

05969746   Supplier Number: 53257041   (USE FORMAT 7 FOR FULLTEXT)
**Florida's Crime-Fighting Computer System Is Always on Patrol.(the Florida
   Department of Law Enforcement's Florida Crime Information Center uses
   Stratus Computer 428 fault-tolerant servers)(Product Information)**
Wolfe, Devin
Network, p46(1)
Nov, 1998
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3022

...   redundancy into the network and is using a fault-tolerant system
for the vital hot- **files** /message- **switch** system and a high- **availability**
clustering solution for TARS (see figure, page 50). (For more information
about fault-tolerant vs...TARS.
     FDLE is building redundancy into its network and is using
fault-tolerant and high- **availability** systems for its hot- **files** /
message- **switch** system and TARS, respectively. The new hot-files/message
switch system will run on two...

5/3,K/22   (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05184818   Supplier Number: 47911951   (USE FORMAT 7 FOR FULLTEXT)
Mimix Family Awaits New Arrivals
Callaghan, Dennis
MIDRANGE Systems, p046
August 15, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 487

...   Mimix/Monitor and Mimix/Promoter in beta release later this year,
joining Mimix/400, Mimix/ **Object** and Mimix/ **Switch** in its AS/400
availability lineup.
      Mimix/Monitor combines a command center for the administration of
monitor programs with a.. ·

```
Set       Items    Description
S1         246     (SWAP OR SWAPPED OR SWAPPING OR SWITCH OR SWITCHED OR SWIT-
                   CHING OR EXCHANGE? ? OR EXCHANGING OR INTERCHANGE? ? OR INTER-
                   CHANGING)(5N)(FILE? ? OR OBJECT? ?)
S2        1638     AVAILABILITY
S3           7     S1 AND S2
S4           5     RD (unique items)
File 256:TecInfoSource 82-2005/Jan
          (c) 2005 Info.Sources Inc
```